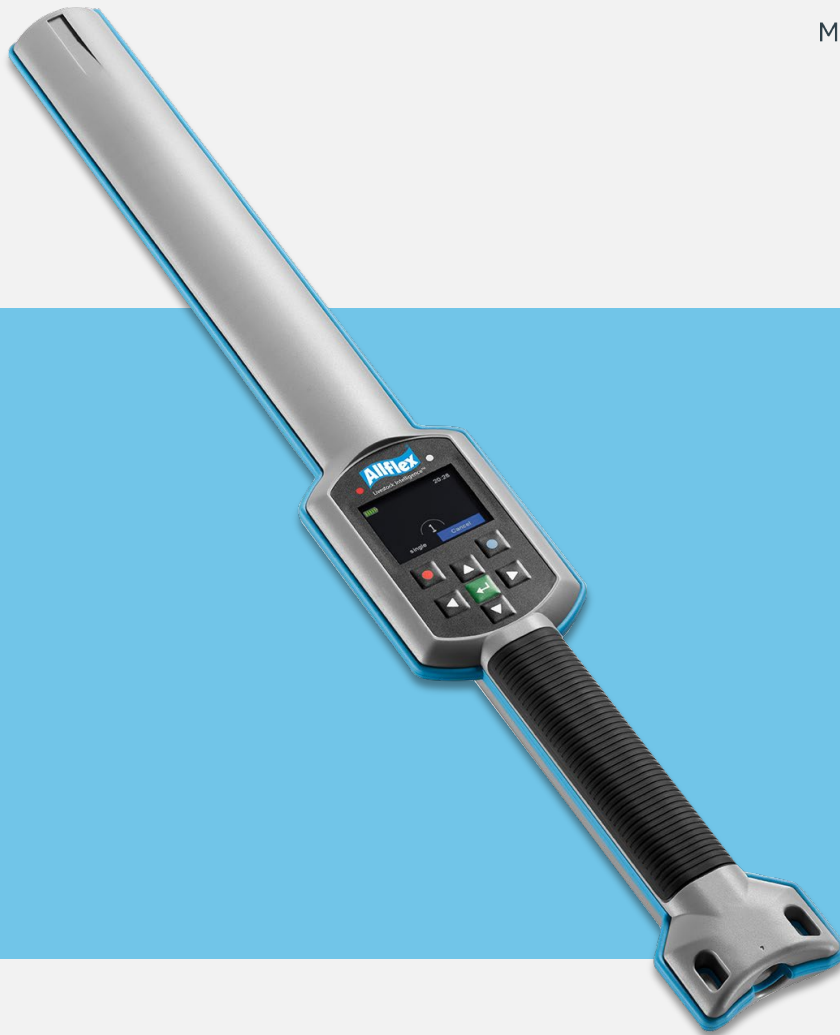




Livestock Intelligence™

MSD Animal Health Intelligence



Allflex AWR250

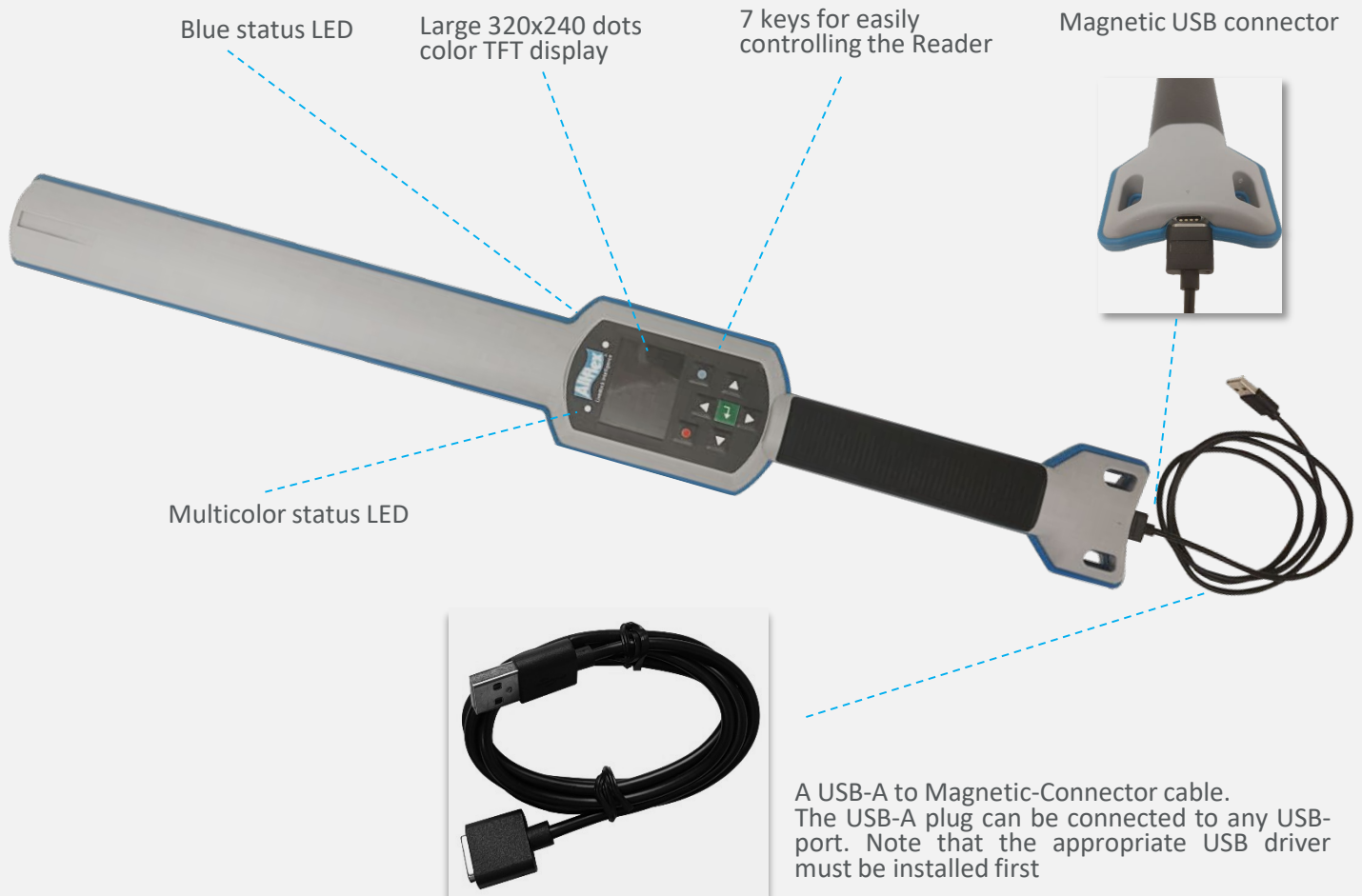
Quick Start Guide

Reader Unboxing Video



The Allflex Stick Reader is a strong, smart and easy solution that allows you to identify and manage your livestock using advanced technology and provides comprehensive reading capabilities, including all types of ISO compatible* HDX and FDX-B ear tags

Before you Start



i The internal high-capacity lithium-ion battery should be fully charged before the first use.

The following optional accessories are also available:

USB power supply 'APS500'



Car charger 'ACC500'



Transport box ATB300'



* All products are compatible with the ISO code for animal identification - ISO 11784.

Quick Start Guide

5 easy steps to start working with your Stick Reader

This handbook provides step-by-step workflows for each of the following steps.

1

Access the Software

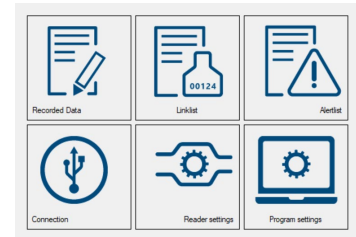
- The Reader software is stored in the device
- Make sure the Stick Reader is Off
- Connect to PC via USB
- Download the software



2

Interfacing to Software

- Install the software on your PC
- Turn the Stick Reader ON
- Make sure the Stick Reader is recognized by the software



3

Familiarize yourself with Stick Reader's User Interface

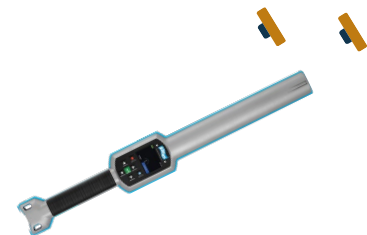
- Make sure to understand the basic functionality and screens:
- Home Screen
 - Navigation
 - LEDs and Indicators



4

Start using your Stick Reader !

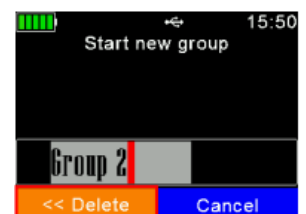
- Make sure to follow the instructions and note the best tag reading orientation



5


Practice basic operations


- Basic setup operations – important configurations
- Information display
- Grouping
- Data management



Access the Software

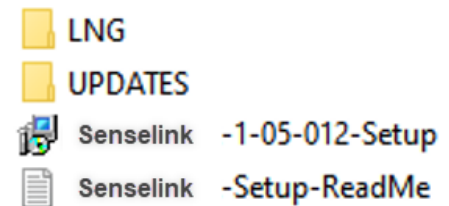
Step 1

1. Make sure the Stick Reader is switched OFF. If not, press the  key for longer than 2 seconds.
2. Connect the magnetic USB cable to the Stick Reader.

 Note not to force the connection against the orientation of the magnetic connector.





3. Once connected to the computer, the reader software can be downloaded to your computer.
4. Double-click the Senselink Setup and follow the on-screen instructions to download and install the software and driver on your computer.



Interfacing to Software

Step 2

1. Activate the Stick Reader by pressing the  key in the middle of the directional pad (leave the Stick reader connected via the USB cable).
2. Double-click the SenseLink icon  that appears on your desktop
3. The system's main screen appears and displays the basic functionality.
4. It is automatically connected to your Stick Reader and displays its name on the bottom left corner of your screen.



For more information on data download and management, see the Senselink manual.

 When done, make sure to unlock and remove the connector.

Language Customization



The default display language is always English.

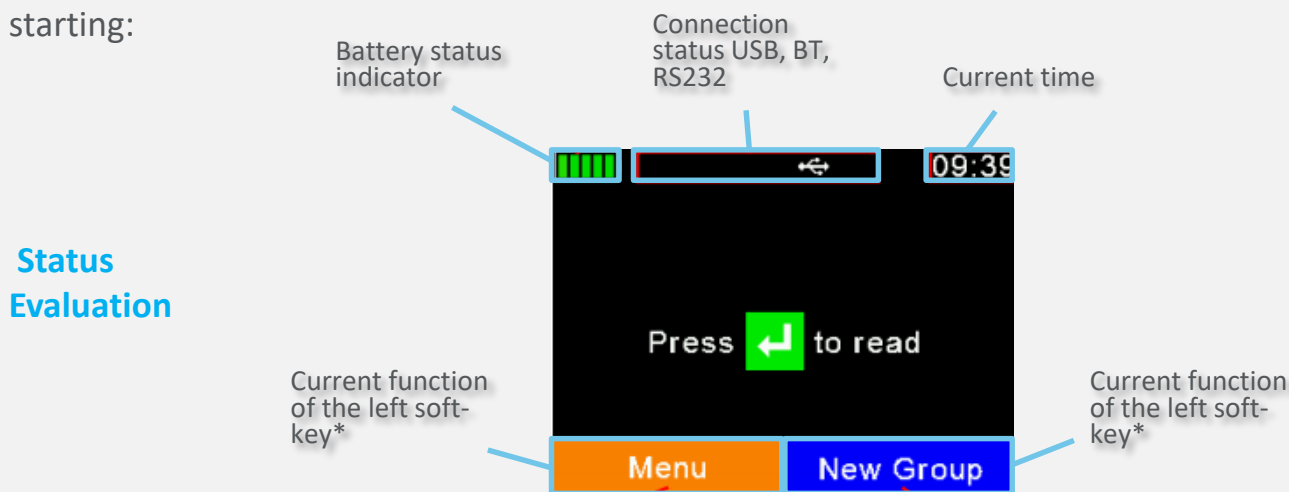
To set the language, go to **Menu>>Setup>>Display>>Set Language**

- ▼ / ▲ ... Select the desired language
- ☑ ... Set the selected language

If the language you want to use is not available, please contact your local distributor for further details.

Main Display

It is important to understand the Stick Reader's basic functionality and display before starting:



Status Evaluation



Battery Status: The battery status indicator shows the approximate battery level. It will also display possible faults concerning the battery, such as high-temperature.



Enter Key: Selection key when using the soft menu.
When in main screen prompts to scan for tags.
When device is OFF, use the Enter key to switch it ON.



Down Arrow: Press the Down arrow for more than 2 seconds to turn the Stick Reader OFF.

Menu

Soft keys: Soft menu – changes according to selection

The highest menu level contains the items* 'New Group', 'Data', 'Print' and 'Setup'.

Familiarize yourself with the Stick Reader's User Interface Step 3

LEDs and Indications

This is the LED display. Refer to the User Manual for a full description of functionality :

Multicolor LED:

The colors change according to the charging status when the display is switched off.

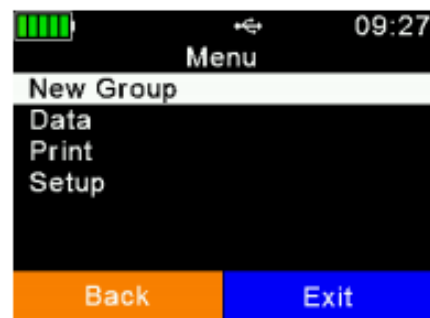


Blue LED:

Used for indicating the connection status when the display is switched off.

Main Functionality

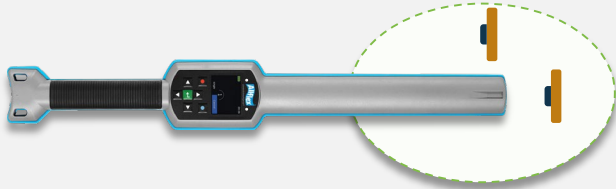
- **New group:** Grouping can be done according to requirements. For example, all medicated animals. An animal can be included in more than one group.
- **Data:** Review and manage collected data.
- **Print:** Print out collected data with matching mobile BT printer.
- **Set-up:** Customization of device settings



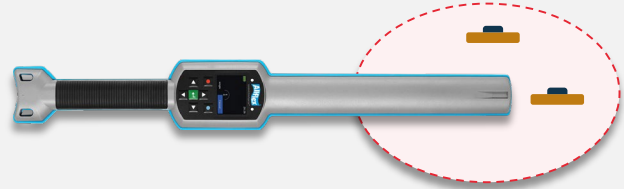
* Each of these main functionalities are discussed later in this Quick Guide.

After setup, you can start reading tags:

Best reading orientation



Worst reading orientation



It is best to read the tags when they are either facing the Stick Reader's tip or when the side of the tag is facing the side of the Stick Reader.

Reading Tags Process

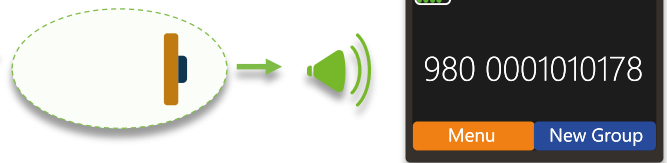
1

Press to read



2

The tag is recognized



If no tags were recognized, tap to start the reading again



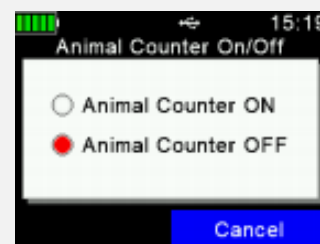
- Flashing **Green** = New animal
- Flashing **Blue** = Read this animal in the past

Basic Setup Operations

Animal Counter ON/OFF

Menu > Setup > Reader Settings > Animal Counter On/Off

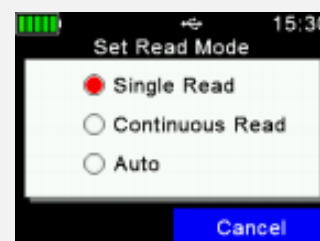
If the Animal counter is activated, an electronic ID can only be available once per group.



Set Read Mode

Menu > Setup > Reader Settings > Set Read Mode

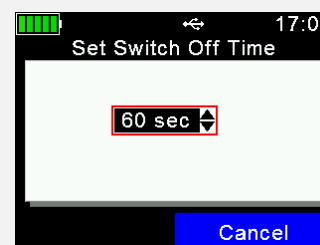
'Single Read' is triggered for one read attempt only. 'Continuous Read' allows one read after the other and is ideal for batch reading. With the 'Auto' function, you can easily switch between 'Single Read' and 'Continuous Read' mode, by a short or long press of the green 'Read' button in the main screen.



Set Switch Off Time

Menu > Setup > Display > Set Switch Off Time

The 'Switch Off Time' period determines when the AWR250 enters Suspend mode. Any action, like a stroke of a button, retriggers the timer.



More setup operations such as alert events etc. are available in the User Guide.






Note that only very basic operations are included in this Quick Guide. For additional information, refer to the User Guide.

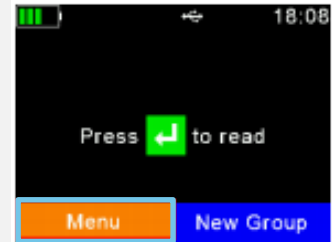
Creating groups

Records are organized in groups. The name can be customized and used e.g. for reference to action, animal status or location.

One group can contain up to a maximum of 10.000 records.

Enable the “Animal Counter” to make sure that a duplicated record is not saved in the same group.

1. To create a new group, press the New Group key.
2. Insert a new name for the group. Use the  /  keys to open a keyboard.
3. Press Close.
4. Check and confirm the name by pressing the  key.



If no group has been created manually before the first tag is read, the device creates a group with the default name ‘Group 1’ automatically. If you want the name of the first group to be different, you must insert a group before scanning for tags.

Set Active Group

Menu > Data > Set Active Group

It is possible to switch back to an existing group and activate it again. This means you can add tags to the previous group again by scanning them after the activation of that group.

For more information, see the Application Note for Set Active Group.



Reading and Assigning to Groups

1. Create or select a group.
2. Scan for the ID tag.
3. The new scanning is automatically added to the active group until you create a new group or switch the active group.




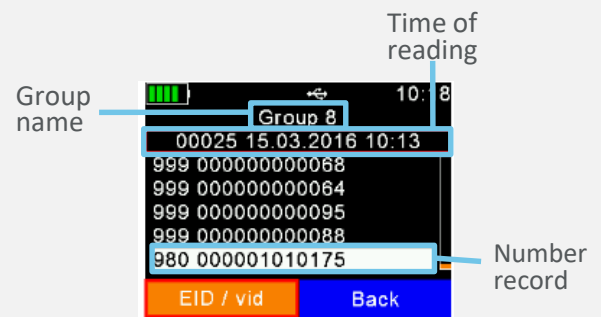
For additional information, refer to the full User Guide.


Data Management







The 'Data' menu contains 'Show Data' and 'Clear Data' options. It is also possible to search an uploaded database for a particular entry based on either the input of the VID or an EID (read tag), but only if a database has been uploaded. If this is not the case, these menu items are not shown.



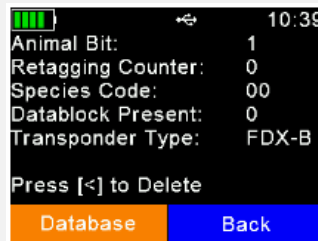
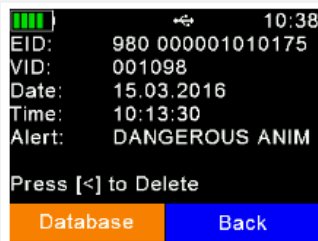
1. Browse for the target group (use the up and down arrows to navigate; right and left arrows will help you skip 6 groups).
2. Press  to select.
3. All records within this group are shown.



4. To show detailed information for a particular record, select an entry from the list and confirm by pressing .

-  ... One record down
-  ... One record up
-  ... Scroll down 50 records
-  ... Scroll up 50 records
-  ... Select record
-  ... Switch between EID and VID view

5. The details of the record are shown on two pages:



Refer to the User Guide to learn more about editing the database fields.

Bluetooth Settings



Bluetooth is a wireless technology that allows the contactless exchange of data between different devices. Communication ranges of up to 80m in line of sight are possible, generally.

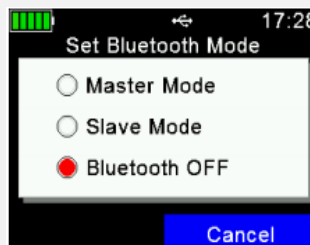
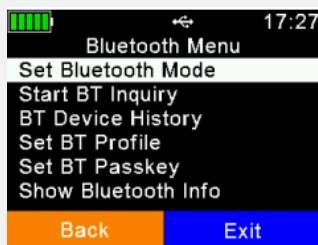
It is not mandatory for basic functionality of the stick reader but can be used in operation with other applications such as weight scales and smartphone applications.

Menu > Setup > Interface Setup > Bluetooth > Set Bluetooth Mode

The Bluetooth menu contains items to set the Bluetooth mode.

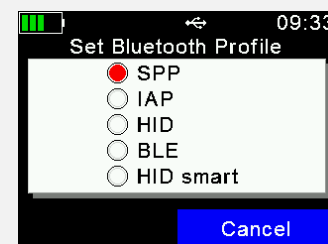
By default, Bluetooth is deactivated (OFF), so you must switch to 'Master' or 'Slave' mode to turn it ON.

In **Master Mode**, you can establish a Bluetooth connection to another device via the stick reader interface. In **Slave Mode**, you can establish the Bluetooth connection to the stick reader via the interface of the other device.



The stick reader supports the following Bluetooth profiles:

- **Serial Port Profile (SPP):** The most common profile for weight scales.
- **Human Interface Device (HID and HID Smart):** Allows the stick reader to function as a virtual keyboard for a software application
- **Bluetooth Low Energy (BLE) technology:** Used for short range, low power communication and supports easy pairing
- **iPOD Accessory Protocol Profile (iAP):** Allows serial communication with the iOS devices



Select the profile type according to the preference of the device and/or software app you are connecting to.



Refer to the User Guide to learn more about Bluetooth settings.



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To learn more, visit:

www.allflex.global/allflex-awr250-stick-reader/

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